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# Seminars

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# SEMINARS

Prof AOKI, Hiroyuki  
Graduate School of Engineering, Kyoto University, Kyoto, Japan  
“Nanosecond Dynamics of Concentrated Polymer Brush”  
9 March 2007

Assoc Prof von ARNIM, Albrecht G  
Department of Biochemistry Cell and Molecular Biology, The  
University of Tennessee, Knoxville, USA  
“Translational Research in *Arabidopsis*: Close Encounters of the  
Complex Kind”  
5 July 2007

Dr AUBERT, Corinne  
Université Pierre et Marie Curie, Paris, France  
“New Cobalt Ways to Polycyclic Silicon and Boron Containing  
Compounds”  
23 May 2007

Prof BOUVET, Marcel  
Ecole Supérieure de Physique et Chimie Industrielles de la ville  
de Paris, Paris, France  
“Phthalocyanine-Based Materials and Devices: Resistors, Diodes,  
Transistors and Sensors”  
6 November 2007

Prof CHARLEUX, Bernadette  
Laboratoire de Chimie des Polymères, Université Pierre et Marie  
Curie, Paris, France  
“From Water-soluble Macroalkoxyamines to Well-defined Block  
Copolymer Particles and Nanogels”  
11 December 2007

Dr CHAU, Pak-Lee  
Pasteur Institute, France  
“How General Anaesthetics Work – a Hypothesis”  
30 November 2007

Prof CHEN, Jen-Sue  
Department of Materials Science and Engineering, National  
Cheng Kung University, Taiwan  
“Sputter Deposition of WN<sub>x</sub> Films and Their Characteristics as  
Gate Electrode”  
8 June 2007

Assoc Prof DAI, Yang  
Department of Bioengineering, University of Illinois at Chicago,  
USA  
“Reconstruction of Functional Gene Networks Based on Pub-  
lished Literature”  
23 April 2007

Prof DONKAI, Nobuo  
Department of Human Life and Environmental Science, Niigata  
Women's College, Niigata, Japan  
“Molecular Weight Distribution”  
28 April 2007

Dr EGUCHI, Hisao  
Tosoh Finechem Corporation, Japan  
“Development of Efficient Metal-Catalyzed Cross-Coupling  
Reactions in Laboratory and Plant”  
25 December 2007

Dr FUJITA, Atsuko  
Chisso Corporation, Japan  
“Organic Chemistry of the Elemental Devices and Molecules in  
LC Display”  
9 January 2007

Prof FUJITA, Makoto  
The University of Tokyo, Japan  
“Creative Chemistry in Self-assembled Nanospace: Self-  
Assembled Molecular Systems”  
12 September 2007

Prof GLADYSHEV, Vadim N  
Department of Biochemistry, Nebraska Redox Biology Center,  
University of Nebraska, USA  
“Selenoproteins: Roles in Redox Biology and Human Health”  
8 June 2007

Prof GU, Hongya  
College of Life Sciences, Peking University, Beijing, China, P. R.  
“Natural Populations of *Arabidopsis thaliana* in China: Its  
Genetic Diversity, Phylogeny and Responses to Cold”  
12 July 2007

Dr GUSTAVSSON, Simon  
Solid State Physics Laboratory, ETH, Switzerland  
“Time-resolved Detection of Single-electron Interference”  
26 November 2007

Assoc Prof HAYANO, Hitoshi  
High Energy Accelerator Research Organization (KEK), Ibaraki,  
Japan  
“Present Status and Plan of ILC Project”  
22 January 2007

Assoc Prof HIGO, Toshiyasu  
High Energy Accelerator Research Organization (KEK), Ibaraki,  
Japan  
“Test Study for Realization of Normal Conducting High Field-  
gradient Acceleration”  
13 September 2007

Prof HOSOMI, Akira  
Gakushuin University, Tokyo, Japan  
“New Synthetic Methods for Creation of Organic Molecules”  
15 October 2007

Prof HU, Wenbing  
Department of Polymer Science and Engineering, College of  
Chemistry and Chemical Engineering, Nanjing University,  
China, P. R.  
“The Interplay of Polymer Crystallization and Liquid-liquid  
Demixing in Polymer Solutions”  
27 March 2007

Dr ISAKA, Masayuki  
Biotech, Thailand  
“Amazing Fungal Metabolites from Thailand”  
26 November 2007

Prof KAGAN, Henri  
Institut de Chimie Molculaire et des Materiaux, Université de Paris-Sud, France  
“From Metallocene Sulfoxides to Metallocenes with Planar Chirality”  
11 May 2007

Prof KAWANABE, Keiichi  
Graduate School of Medicine, Kyoto University, Kyoto, Japan  
“Abrasion of Artificial Joint”  
9 March 2007

Prof KISHIDA, Akio  
Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University, Tokyo, Japan  
“Biocolloid and Concentrated Polymer Brush”  
9 March 2007

Dr LETURCQ, Renaud  
Solid State Physics Laboratory, ETH, Switzerland  
“Spin-dependent and Time-resolved Transport through Semiconductor Quantum Dots”  
15 February 2007

Prof McLEOD, Cameron  
Department of Chemistry, The University of Sheffield, UK  
“Imaging Mass Spectrometry”  
27 November 2007

Dr MELE, Giovanni  
Institute of Biology and Agricultural Biotechnology, National Research Council of Italy, Rome, Italy  
“KNOX Genes and Molecular Pathways”  
9 February 2007

Prof MINODA, Masahiko  
Graduate School of Chemistry and Materials Technology, Kyoto Institute of Technology, Kyoto, Japan  
“Functional Polymer Particles Based on Molecular Design of Macromonomer”  
28 April 2007

Dr MIYAMOTO, Ryouichi  
University of Texas at Austin, Austin, Texas, USA  
“Tevatron Optics Measurements Using an AC Dipole”  
11 October 2007

Dr MIZUMAKI, Masaichiro  
Japan Synchrotron Radiation Research Institute, Japan  
“MCD and XAS Studies of Transition Metal Oxides”  
6 August 2007

Dr MORITA, Yuji  
Japan Science and Technology Agency, Tokyo, Japan  
“Simulations on Structure and Tribology of Polymer Brush”  
23 August 2007

Prof NAITO, Satoshi  
Graduate School of Advanced Life Science, Hokkaido University, Sapporo, Japan  
“mRNA Degradation Coupled with Arrest by Nascent Peptides of Translation Elongation: Feedback Regulation in Methionine Biosynthesis by Plants”  
19 November 2007

Prof NAKANISHI, Tsutomu  
Graduate School of Science, Nagoya University, Nagoya, Japan  
“Development and Application of a Spin Polarized Electron Source”  
9 March 2007

Prof NELSEN, Stephen F  
University of Wisconsin  
“Hydrazine, Hydrazine Radical Cation Electron Transfer”  
22 June 2007

Dr NISHIMURA, Hiroshi  
Lawrence Berkeley National Laboratory, USA  
“Neutral Particle Decelerator and the Possibility for Chemical Application”  
27 February 2007

Dr OHE, Junichiro  
Hamburg University, Germany  
“Current Generation by the Spin Dynamics”  
25 October 2007

Dr OHMORI, Ken  
Tokyo Institute of Technology, Japan  
“Synthetic Studies on Angular-Type Polycyclic Natural Products”  
24 March 2007

Dr OHSHIMA, Masahiro  
Mitsubishi Pharma Corporation, Japan  
“The Drug Industry from the View Point of Manufacturing Technology”  
24 March 2007

Prof OIDE, Katsunobu  
High Energy Accelerator Research Organization (KEK), Ibaraki, Japan  
“Beam Physics in Collider”  
24 March 2007

Dr OKAMURA, Haruyuki  
Graduate School of Engineering, Osaka Prefecture University, Osaka, Japan  
“Reworkable Photocrosslinking Polymers”  
28 April 2007

Prof OKUBO, Tsuneo  
Institute for Colloidal Organization, Japan  
“The World of Colloidal Crystals”  
14 June 2007

Assist Prof PETERS, Janny L  
University of Nijmegen, Department of Experimental Botany, Plant Genetics University of Nijmegen, Nijmegen, Netherlands  
“Petunia as a Model System”  
5 September 2007

Prof QU, Li-Jia  
College of Life Sciences, Peking University, Beijing, China, P. R.  
“Methylation of Phytohormones and Plant Development”  
12 July 2007

Prof RATOVELPOMANANA-VIDAL, Virginie  
Ecole Nationale Supérieure de Chimie de Paris, France  
“New Atropisomeric Ligands for Asymmetric Catalysis”  
14 July 2007

Prof RICHARDS, Nigel G J  
Department of Chemistry, University of Florida, USA  
“On the Evolution of Function in Manganese-Dependent Enzymes: A Single Residue Controls Metal Reactivity”  
27 November 2007

Assoc Scientist SAITO, Mak Anderson  
Woods Hole Oceanographic Institution, Massachusetts, USA  
“Cobalt and Vitamin B12 Biogeochemistry: A Comparison of the Ross Sea and the Costa Rica Dome”  
3 July 2007

Prof SAKURAI, Hidehiro  
Institute for Molecular Science, Japan  
“Pseudo Homogeneous Metal Nanocluster Catalysts”  
24 March 2007

Prof SATO, Takaya  
Department of Materials Engineering, Tsuruoka National College of Technology, Yamagata, Japan  
“Ion Channel by Polymerizable Ionic Liquid”  
9 March 2007  
“Development of Energy Devices Using Ionic Liquids as Electrolytes”  
28 April 2007

Assoc Prof SCHWECHHEIMER, Claus  
Center for Plant Molecular Biology, Developmental Genetics Department, University of Tübingen, Tübingen, Germany  
“Regulating Plant Development by Regulated Protein Degradation”  
12 April 2007

Prof SHEVELKO, Viatcheslav P  
P. N. Lebedev Physical Institute, Russia  
“HIMAC-Lebedev Collaboration (2003–2007)”  
19 October 2007

Prof SHIMA, Seigo  
Max Planck Institute for Terrestrial Microbiology, Germany  
“Function and Structure of the 3rd Hydrogenase Hmd from Methanogenic Archaea”  
23 July 2007

Prof SHIRAI, Masamitsu  
Graduate School of Engineering, Osaka Prefecture University, Osaka, Japan  
“Photocrosslinking Polymers”  
13 March 2007

Prof SKRYDSTRUP, Troels  
Department of Chemistry, University of Aarhus, Aarhus, Denmark  
“Recent Developments in Palladium Catalyzed C-C Bond Formations”  
27 September 2007

Prof SMITH, Amos B  
Department of Chemistry, University of Pennsylvania, USA  
“Total Synthesis Exploiting Anion Relay Chemistry (ARC)”  
3 November 2007

Assoc Prof SUN, Ling-Dong  
The State Key Laboratory of Rare Earth Materials Chemistry and Applications, College of Chemistry and Molecular Engineering, Peking University, China, P. R.  
“Fabrication of Oxide Nanoparticles with Various Shapes”  
1 February 2007

Prof SUZUKI, Akira  
Hokkaido University, Japan  
“Cross-Coupling Reactions of Organoboron Compounds”  
23 July 2007

Prof SUZUKI, Hidematsu  
Department of Bioengineering, Nagaoka University of Technology, Niigata, Japan  
“Researches in ICR”  
28 April 2007

Prof SUZUKI, Yoshimi  
Department of Environment and Energy Systems, Graduate School of Science and Technology, Shizuoka University, Shizuoka, Japan  
“Food Chain and Cycle of Organic Materials: What is the Key of the Microbial Loop and Grazing?”  
12 November 2007

Dr TAKADA, Akihiko  
Institute for Materials Chemistry and Engineering, Kyusyu University, Fukuoka, Japan  
“Structure and Dynamics of Network System Formed by Transient Crosslinks”  
28 April 2007

Prof TAKEUCHI, Ichiro  
University of Maryland, USA  
“Multiferroic Oxide Thin Films”  
26 June 2006

Prof TERADA, Masahiro  
Department of Chemistry, Tohoku University, Sendai, Japan  
“Development of New Organocatalysts Based on the Selective Hydrogen Bonding between Substrates and the Catalyst”  
26 September 2007

Prof WEINGÄRTNER, Hermann  
Department of Physical Chemistry II, Ruhr-University Bochum, Germany  
“Structure and Dynamics of Ionic Liquids as Seen by Microwave Dielectric Spectroscopy”  
10 August 2007

Dr WÜSTEFELD, Godehard  
Berliner Elektronenspeicherring-Gesellschaft für Synchrotronstrahlung m.b.H. (BESSY), Berlin, Germany  
“Coherent THz Generation at the BESSY II and MLS Storage Rings”  
2 October 2007

Prof YAMAGISHI, Tadaaki  
Graduate School of Natural Science and Technology, Kanazawa University, Ishikawa, Japan  
“New Polymer Materials”  
28 April 2007

Dr YASUDA, Nobuyoshi  
Merck Research Institute, USA  
“What is the Process Chemistry?”  
26 November 2007

Assoc Prof YOSHIDA, Minoru  
Graduate School of Science and Engineering, Kinki University, Osaka, Japan  
“Basis and Element Technology of Fiber Lasers, I”  
14 June 2007  
“Basis and Element Technology of Fiber Lasers, II”  
9 July 2007

Dr ZORN, Reiner  
Institut für Festkörperforschung, Forschungszentrum Jülich, Germany  
“What Neutron Scattering Can Tell Us about Nanoscopically Confined Liquids and Polymers”  
18 September 2007